CLAIMS

1. A sawing machine comprising:

a plurality of drives; and

a control unit;

wherein a first drive and a second drive are controlled in such a manner that they are not operable at the same time and the first drive and the second drive are coupled to a common frequency converter.

2. A sawing machine in accordance with Claim 1, wherein the rotational speed of the first drive and the rotational speed of the second drive are adjustable by the frequency converter.

3. A sawing machine in accordance with Claim 1, wherein the first drive and the second drive are operated at different times.

4. A sawing machine in accordance with Claim 1, wherein the frequency converter controls the first drive in accordance with a first set of parameters.

5. A sawing machine in accordance with Claim 1, wherein the frequency converter controls the second drive in accordance with a second set of parameters.

6. A sawing machine in accordance with Claim 5, wherein the parameters for at least one of the first set of parameters and the second set of parameters are stored in the frequency converter.

7. A sawing machine in accordance with Claim 4, wherein the first set of parameters and a second set of parameters for controlling the second drive are different.

8. A sawing machine in accordance with Claim 1, wherein at least one of the variables, voltage, frequency, direction of rotation, speed or ramp function is adjustable for each of the first drive and the second drive.

9. A sawing machine in accordance with Claim 4, wherein switching between the first set of parameters and a second set of parameters for controlling the second drive is effected by the control unit.

10. A sawing machine in accordance with Claim 1, wherein there is provided at least one switch or at least one circuit which is constructed in such a manner that at most one drive is controlled.

11. A sawing machine in accordance with Claim 1, wherein the first drive drives a tool.

12. A sawing machine in accordance with Claim 11, wherein the first drive drives a sawing tool.

13. A sawing machine in accordance with Claim 12, wherein the first drive drives a band-saw blade.

14. A sawing machine in accordance with Claim 1, wherein the second drive drives a carriage.

15. A sawing machine in accordance with Claim 1, wherein the second drive drives a conveyor device for work-pieces.

16. A sawing machine in accordance with Claim 15, wherein the second drive drives a feed carriage for one or more work-pieces.

17. A method for controlling the drive system of a sawing machine wherein a first drive drives a sawing tool and a second drive drives a work-piece carriage;

wherein the control of the first drive and the control of the second drive is effected by a common frequency converter and the first drive and the second drive are operated at different times.

18. A method in accordance with Claim 17, wherein it is ensured that the first drive and the second drive are not activated at the same time.